

# IXS-CAT Quarterly Newsletter

## Issue #2

## December 15, 2002

**Responses to CDR and Management plan received:** The conceptual design report for IXS-CAT was submitted on September 10, 2002, which was followed by the submission of the Management Plan. Both documents were reviewed by the respective APS committees, and a written response was received on December 12, 2002. The initial evaluation indicates that we will be granted an interim Memorandum of Understanding (MOU), which will enable us to place the request for proposals for the experimental stations, immediately. The issues concerning beamtime allocation, safety management, and a detailed breakdown of APS commitments have to be spelled out and submitted to APS to set the date for MOU signing ceremony. Most of these communications are expected to be finished by mid-January, 2003.

**Experimental Station design continues:** The IXS-CAT design team which meets weekly with the participation of Mohan Ramanathan Yaldez Amer, Bran Brajuskovic, Deming Shu, Harald Sinn, Wolfgang Sturhahn, T. Toellner, and C. Burns (Western Michigan) is about to complete the details of the experimental stations. We received help from various individuals from APS during this phase, and we would like to thank Steve Davey, Greg Markowicz, and Robert Pfile for their contributions.

**Undulator workshop held:** A one day workshop was held at the APS on December 5, 2002 organized by Elizabeth Moog and our IXS-CAT director John Hill. The needs of IXS-CAT were explained by Ercan Alp. There was a separate meeting held with one of the commercial vendors to learn their progress on superconducting undulators. We are now working with R. Kustom, E. Moog, E. Trakhtenberg, R. Dejus, and S. Kim to detail the specifications for a short period device. We expect to submit budgetary quotation request to companies by March 2002.

**IXS-CAT workshop scheduled:** We announced in our September 2002 issue that a workshop was planned. The workshop is set on January 27-28, 2003 at the APS. The tentative schedule was distributed to an updated and enlarged IXS-CAT communication list on December 10, 2002. For further information, please contact Harald Sinn [sinn@aps.anl.gov](mailto:sinn@aps.anl.gov) and/or Clem Burns [cburns@wmich.edu](mailto:cburns@wmich.edu). The workshop program is attached as a separate document to this Newsletter # 2.

### MILESTONES corner

**MET:** CDR and Management plans reviewed, and responses received, Preliminary Design Report work started.

**UPCOMING:** MOU signing ceremony (January 2003), request for proposals for experimental stations submitted (January 2003), Superconducting Undulator budgetary quotation request submitted (March 2003).

Happy holidays !